

Figure 1: Product Parameters that Influence Perfume Performance in Diluted PW Products

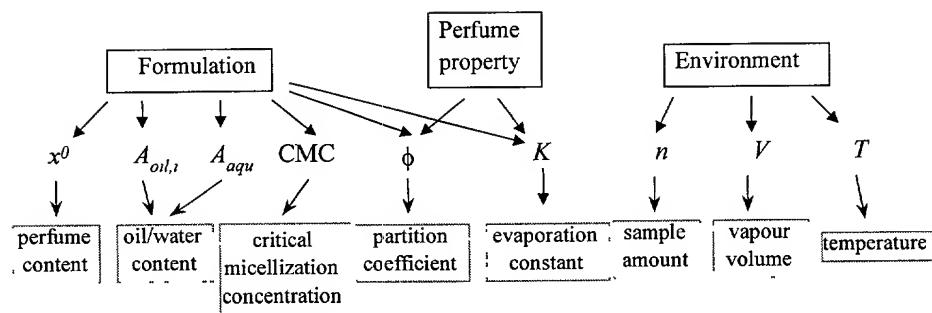
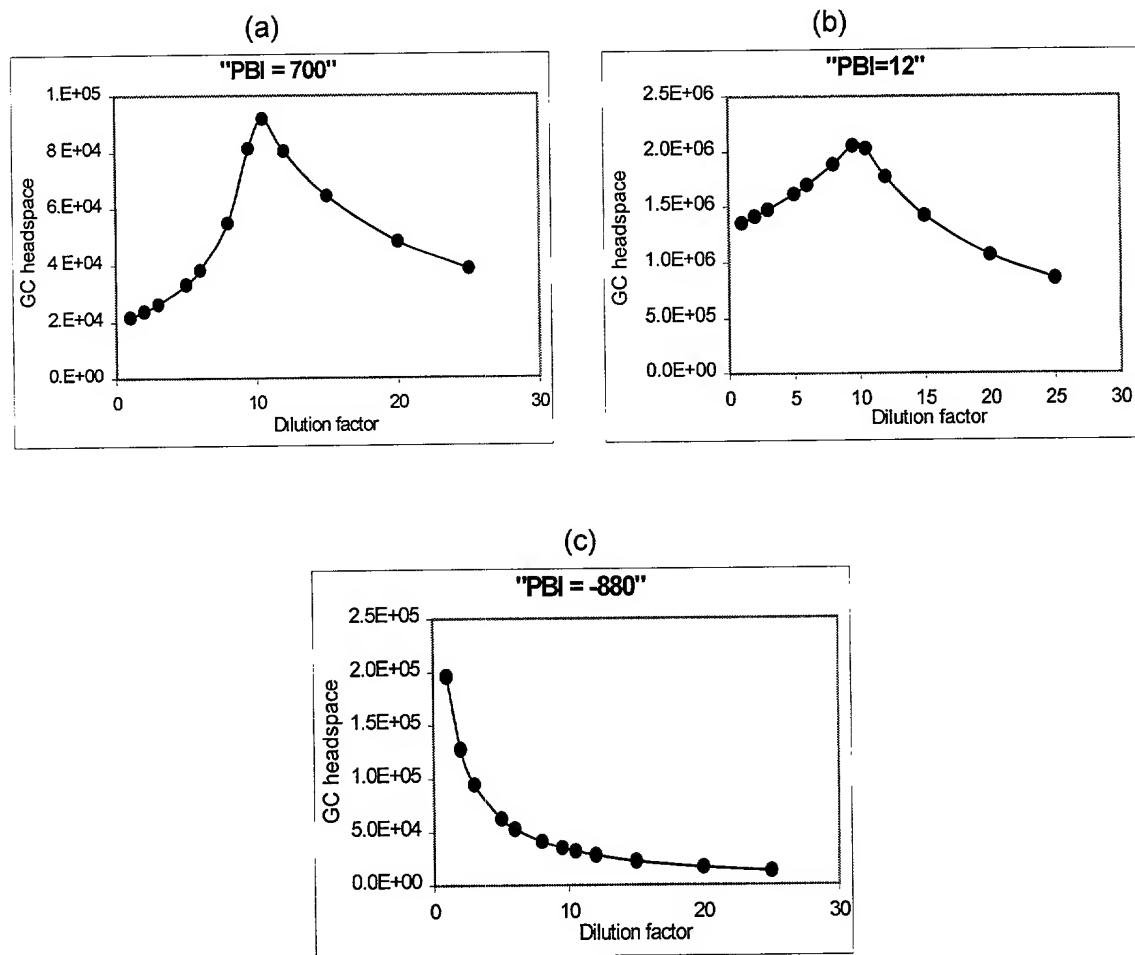


Figure 2: Theoretical Calculations of Fragrance Burst with Dilution

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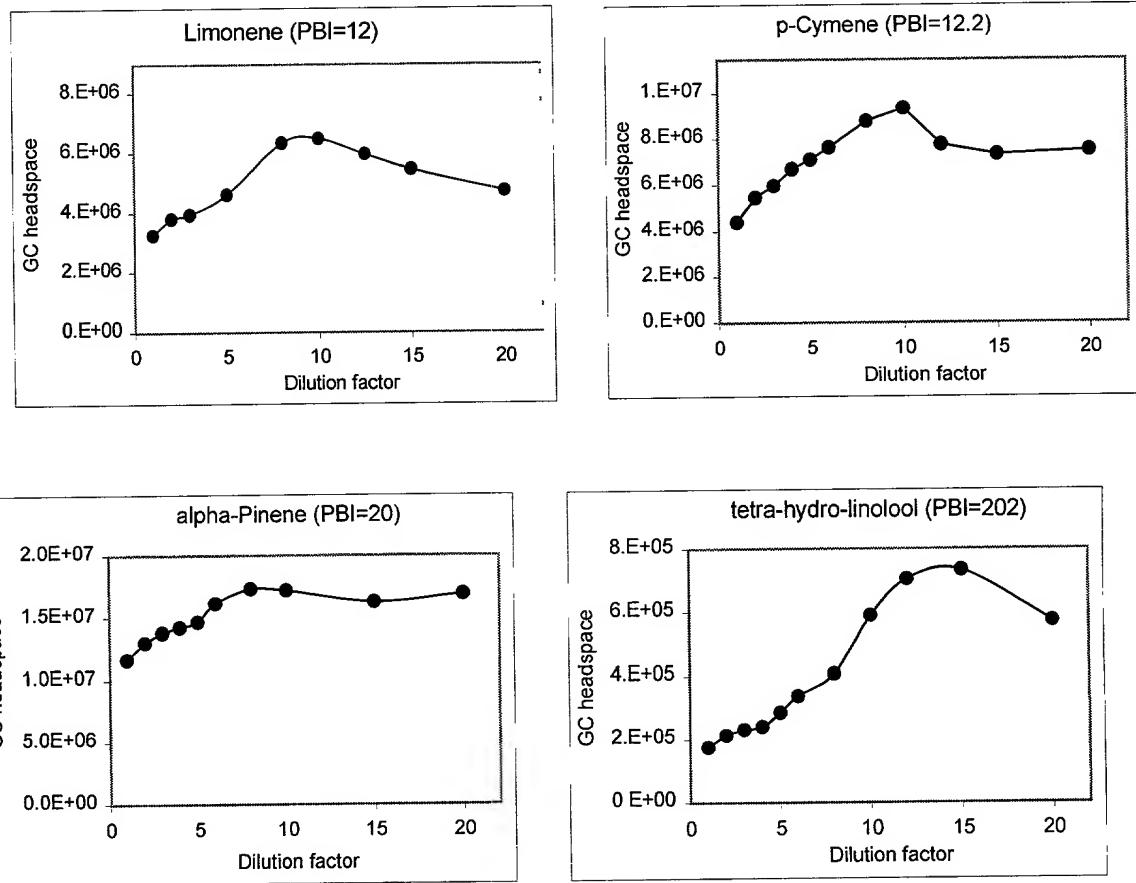


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Figure 3: Fragrance Burst Profiles of Different Perfume Molecules in Surfactant Solution (5% sodium laurate solution)

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Figure 3: Fragrance Burst Profiles of Different Perfume Molecules in Surfactant Solution (5% sodium laurate solution) (Cont'd)

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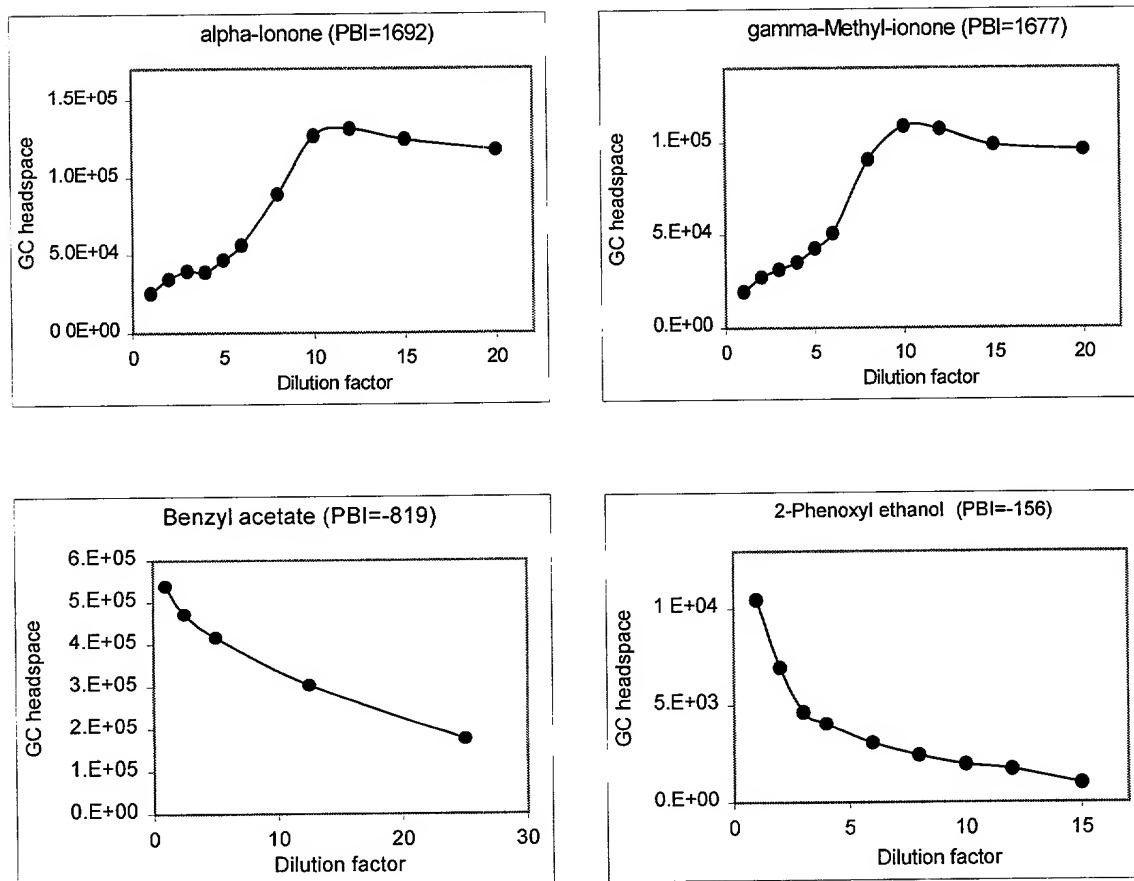


Figure 4: Two-components Fragrances in Shower Liquid that Change Note upon Dilution

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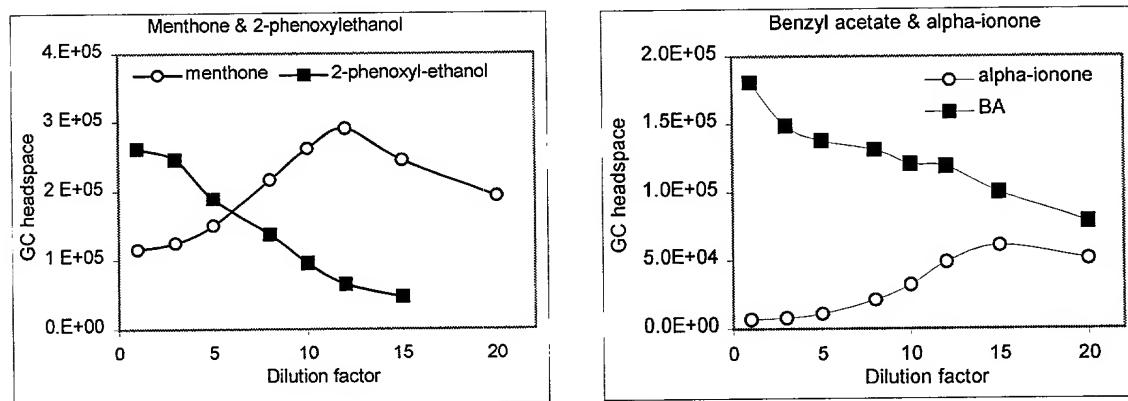
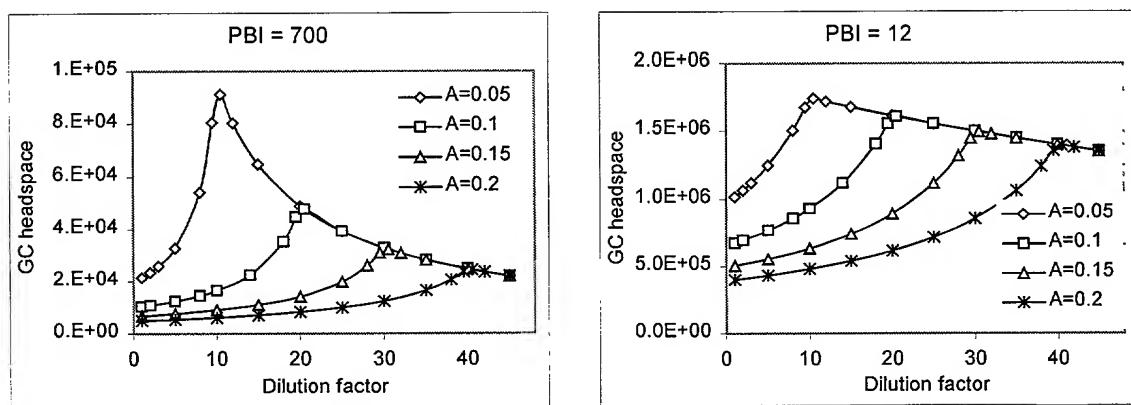


Figure 5: Theoretical Models of Fragrance Burst with Change in Surfactant Concentration

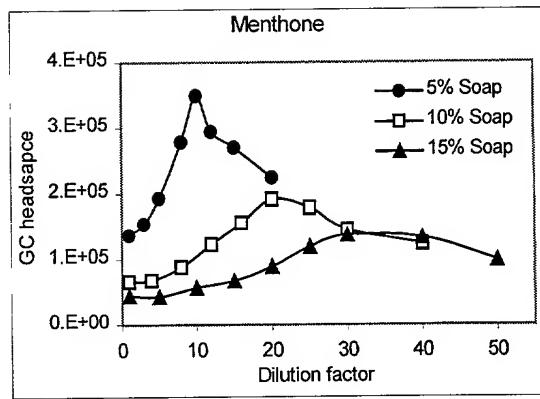
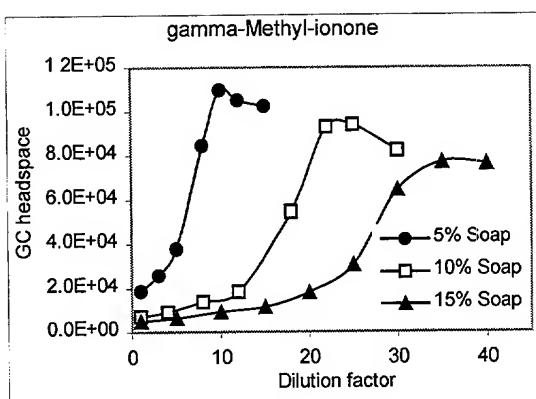
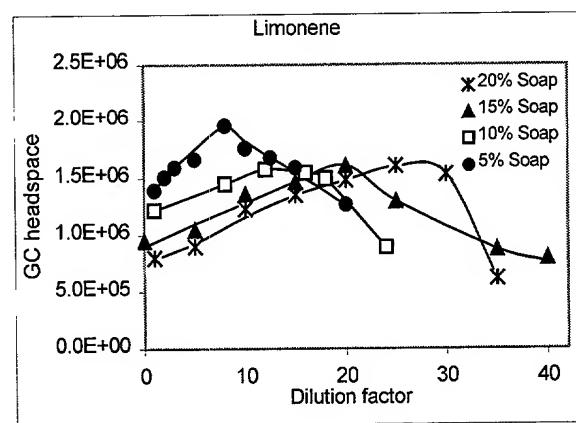
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A: The concentration of the surfactant (wt/wt).

Figure 6: Experimental Results of Fragrance Burst with Changes in Surfactant Concentration

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Figure 7: Theoretical Model of Fragrance Burst with Change in Surfactant CMC

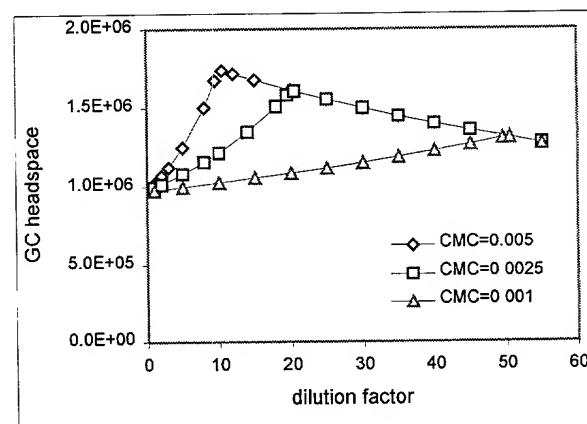


Figure 8: Experimental Results of Fragrance Burst with Change in CMC

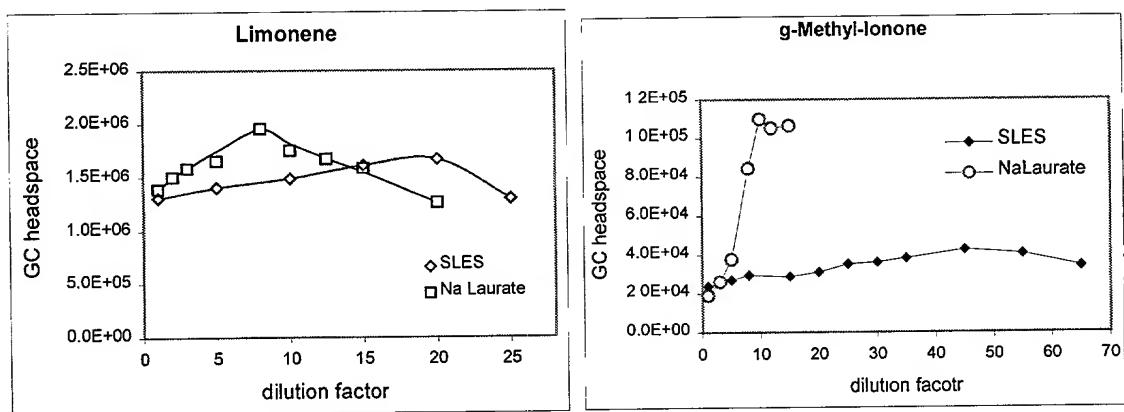


Figure 9: Normalized Dilution Curve for Component in a Perfume Mixture

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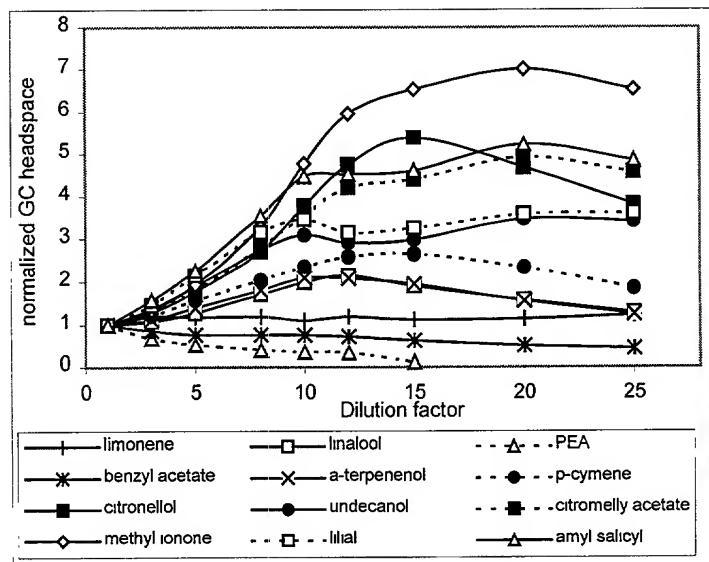


Figure 10: Results of Panel Study of the Single Perfume (γ -methyl-ionone) Systems

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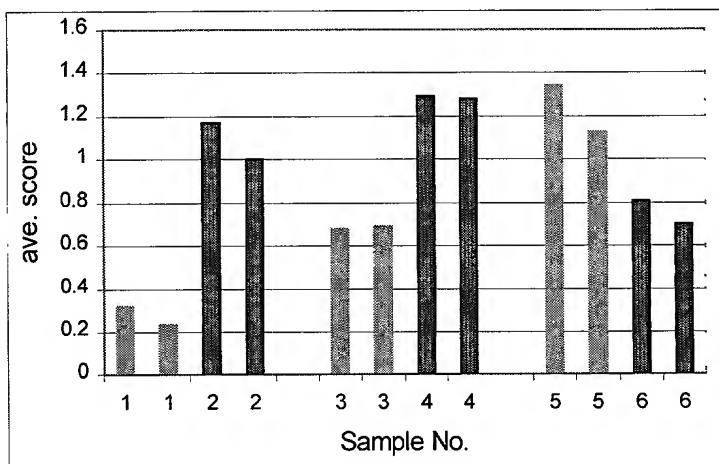


Figure 11: Results of Panel Study of the Multi-component Perfume (menthone, tetra-
5 hydrol-linalool, α -ionone, γ -methyl-ionone) Systems

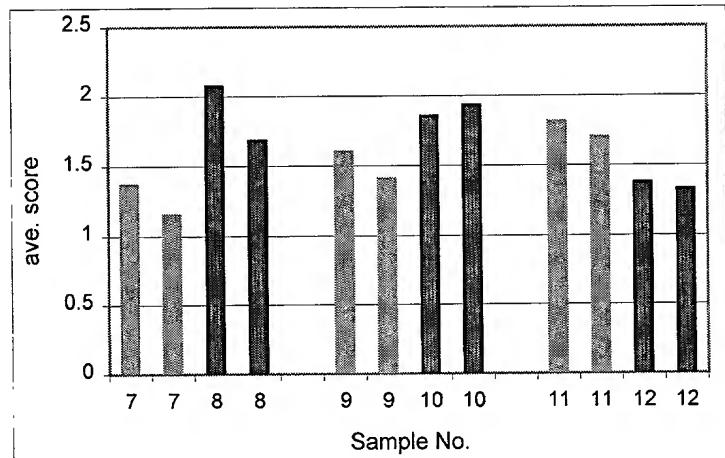


Figure 12: Deposition of a Type 2 Perfume, γ -Methyl-Ionone, from Surfactant Systems (Na Laurate and SLES) with Different CMCs

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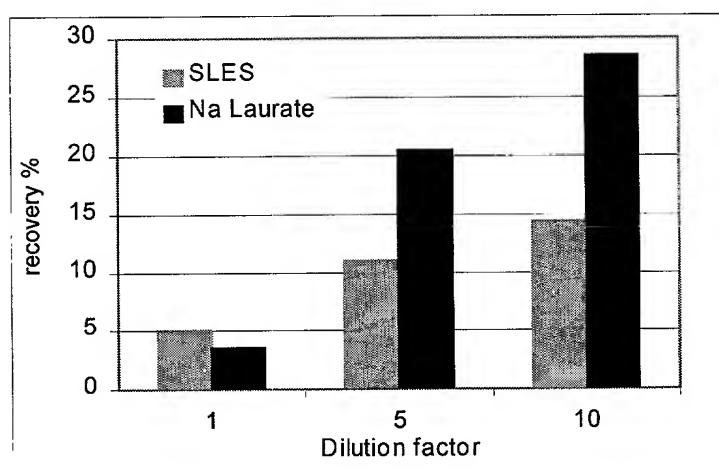
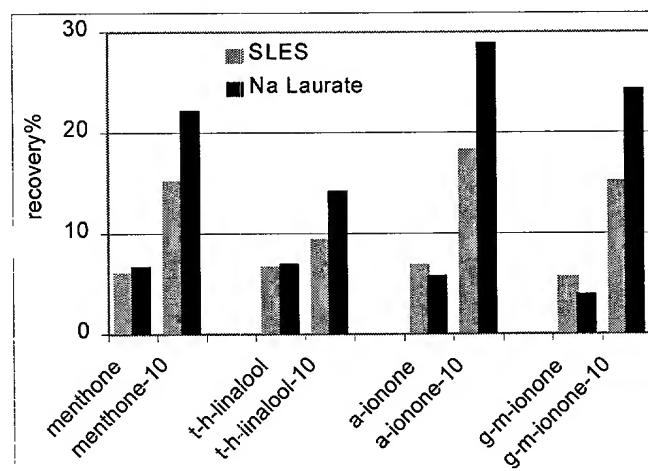


Figure 13: Deposition of Multi-component Perfume (menthone, tetra-hydrol-linalool, α -ionone, γ -methyl-ionone) from Surfactant Systems (Na Laurate and SLES) with Different CMCs

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10 20 30 40 50 60 70 80 90 100

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- menthone, t-h-linalool, α -ionone and γ -m-ionone refer to the samples with around 0.125% of menthone, tetra-hydro-linalool, α -ionone and γ -methyl-ionone in 5% sodium laurate or SLES surfactant systems, respectively.
- menthone-10, t-h-linalool-10, α -ionone-10 and γ -m-ionone-10 refer to the 10 times diluted samples with around 0.125% of menthone, tetra-hydro-linalool, α -ionone and γ -methyl-ionone in 5% sodium laurate or SLES surfactant systems, respectively.